

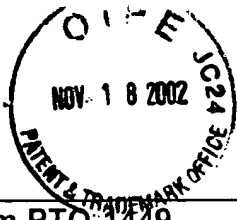


Form PTO-1449 (REV. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket: 2001796-0006		In re Application No.09/698,579	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicants: Bramley, et al.			
				Filing Date: October 27, 2000		Group: 1632 1645	
U. S. PATENT DOCUMENTS							
Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass		
~	*4,931,390	Recsei	June 5, 1990	435	183		
~	*5,011,772	Recsei	April 30, 1991	435	69.1		
~	*5,124,145	Sordillo et al.	June 23, 1992	424	85.5		
~	*5,189,015	Höök et al	February 23, 1993	514	2		
~	*5,234,684	Sordillo et al.	August 10, 1993	424	85.5		
~	*5,342,612	Daley et al.	August 30, 1994	424	85.1		
~	*5,607,919	Bojsen et al.	March 4, 1997	514	12		
~	*6,028,051	Climo et al.	February 22, 2000	514	2		
FOREIGN PATENT DOCUMENTS							
Examiner's Initials	Document No.	Country	Date	Translation			
				Yes	No		
~	*WO 87/06264	International	22 October 1987	X			
~	*WO 96/35793	International	14 November 1996	X			
~	*WO 99/05289	International	4 February 1999	X			
~	*EP 0 359 873	Europe	19 September 1988	X			
~	*EP 0 759 473	Europe	23 August 1995	X			
Examiner's Initials	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
~	*Archer, et al., "Human Growth Hormone (hGH) Secretion in Milk of Goats After Direct Transfer of the hGH Gene into the Mammary Gland by Using Replication-Defective Retrovirus Vectors", <i>Proc. Natl.Acad. Sci.</i> 91 :6840-44, July 1994.						
~	*Auldish, et al., "Changes in the Composition of Milk from Healthy and Mastitic Dairy Cows During the Lactation Cycle", <i>Aust. J. Exp. Agricul.</i> 35 : 427-36, 1995.						
~	*Auldish, et al., "Effect of Somatic Cell Count and Stage of Lactation on the Quality and Storage Life of Ultra High Temperature Milk", <i>J. Dairy Res.</i> 63 : 377-386, 1996.						
~	*Barbano, et al., "Influence of Milk Somatic Cell Count and Milk Age on Cheese Yield", <i>J. Dairy Sci.</i> 74 : 369-88, 1991.						
~	*Bramley, et al., "Effects of Lysostaphin on Staphylococcus Aureus Infections of the Mouse Mammary Gland", <i>Research in Veterinary Science</i> , 49 : 120-21; 1990.						
~	*Bramley, et al., "Reviews of the Progress of Dairy Science: Mastitis Control - Progress and Prospects" <i>Journal of Dairy Research</i> , 51 , 481-512, 1984.						
~	*Chandler, "Experimental Bacterial Mastitis in the Mouse", <i>J. Med. Microbiol.</i> 3 : 273-82, 1970.						

MARK NAVARRO

1 of 4

2/6/03



Form PTO-1449
(REV. 8-83)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket:
2001796-0006

In re Application
No.09/698,579

Applicants: Bramley, et al.

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

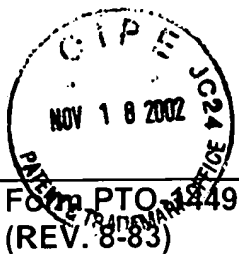
Filing Date:
October 27, 2000

Group:
1632-1645

- | | |
|---|---|
| ~ | *Chomczynski, et al., "Single-Step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction", <i>Anal. Biochem.</i> 162 : 156-59, 1987. |
| ~ | *Craven, et al., "Phagocytosis of Staphylococcus Aureus by Bovine Mammary Gland Macrophages and Intracellular Protection from Antibiotic Action in Vitor and In Vivo", <i>J. Dairy Res.</i> 51 : 513-23, 1984. |
| ~ | *Craven, et al., "Antibiotic Activity Against Intraleukocytic Staphylococcus Aureus in Vitro and In Experimental Mastitis in Mice", <i>Am. J. Vet. Res.</i> 44 :(4), 709-12, 1983. |
| ~ | *Daley, et al., "Lysostaphin: Immunogenicity of Locally Administered Recombinant Protein Used in Mastitis Therapy", <i>Veterinary Immunology and Immunopathology</i> , 31 : 301-12, 1992. |
| ~ | *Derbyshire, et al., "Immunization Against Experimental Staphylococcal Mastitis in the Goat by the Intramammary Infusion of Cell-Toxoid Vaccine" <i>Res. Vet. Sci.</i> , 10 :559-64, 1969. |
| ~ | *Ebert, et al., "Transgenic Production of a Variant of Human Tissue-Type Plasminogen Activator in Goat Milk: Generation of Transgenic Goats and Analysis of Expression", <i>Bio/Technology</i> , 9 : 835-38, 1991. |
| ~ | *Gordon, et al., "Production of Human Tissue Plasminogen Activator in Transgenic Mouse Milk", <i>Bio/Technology</i> , 5 : 1183-87, 1987. |
| ~ | *Harmon, et al., "Concentration of Lactoferrin in Milk of Normal Lactating Cows and Changes Occurring during Mastitis" <i>Am. J. Vet. Res.</i> 36 : 1001-1007, 1975. |
| ~ | *Heinrich, et al., "The Molecular Organization of the Lysostaphin Gene and its Sequences Repeated in Tandem", <i>Mol. Gen Genet</i> , 209 :563-69, 1987. |
| ~ | *Jacob, et al., "Potential Therapeutic Applications of Magainins and Other Antimicrobial Agents of Animal Origin", <i>Ciba. Found. Symp.</i> 186 : 197-216, discussion, 216-23, 1994. |
| ~ | *Kagan, et al., "Defensins: A Family of Antimicrobial and Cytotoxic Peptides", <i>Toxicology</i> , 87 : 131-49, 1994. |
| ~ | *Kerr, et al., "Expression of Gene-gun Injected Plasmid DNA in the Ovine Mammary Gland and In Lymph Nodes Draining the Injection Site" <i>Animal Biotechnology</i> 7 :33-45, 1996. |
| ~ | *Klei, et al., "Effects of Milk Somatic Cell Count on Cottage Cheese Yield and Quality", <i>J. Dairy Sci.</i> 81 :1205-13, 1998. |
| ~ | *Kossaibati, et al., "Incidence of Clinical Mastitis in Dairy Herds in England", <i>Vet. Rec.</i> 143 :649-53, 1998. |
| ~ | *Krimpenfort, et a., "Generation of Transgenic Dairy Cattle Using 'In Vitro' Embryo Production" <i>Bio/Technology</i> , 9 : 844-47, 1991. |
| ~ | *Liang, et al., "Molecular Cloning and Nucleotide Sequence of the β -Lytic Protease Gene from <i>Achromobacter Lyticus</i> " <i>Journal of Bacteriology</i> , 172 (11): 6506-11; 1990. |

RECEIVED

NOV 22 2002
TECH CENTER 1600/2900



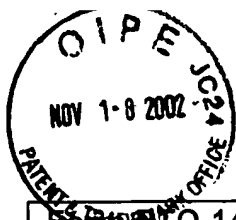
Form PTO-1449 (REV. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket: 2001796-0006	In re Application No.09/698,579		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicants: Bramley, et al.			
				Filing Date: October 27, 2000	Group: 1632		
~		*Maga, et al., "Antimicrobial Properties of Human Lysozyme Transgenic Mouse Milk", <i>J. Food Prot.</i> 61 : 52-56, 1998.					
~		*Maga, et al., "The Effect of Mammary Gland Expression of Human Lysozyme on the Properties of Milk From Transgenic Mice", <i>J. Dairy Sci.</i> 78 : 2645-52, 1995.					
~		*Myllys, et al., "Bovine Mastitis in Finland in 1988 and 1995--Changes in Prevalence and Antimicrobial Resistance", <i>Acta Vet. Scand.</i> 39 : 119-126, 1998.					
~		*Nickerson, et al., "Symposium: Mastitis in Dairy Heifers, Mastitis in Dairy Heifers: Initial Studies on Prevalence and Control", <i>J Dairy Sci</i> , 78 : 1607-18, 1995.					
RECEIVED	NOV 28 2002	TECH CENTER 1600/2900	~	*Nuijens, et al., "Characterization of Recombinant Human Lactoferrin Secreted in Milk of Transgenic Mice" <i>J. of Biol. Chemi.</i> , 272 (13): 8802-07, 1997.			
			~	*Oldham, et al., "Lysostaphin: Use of a Recombinant Bactericidal Enzyme as a Mastitis Therapeutic", <i>J. Dairy Sci.</i> , 74 : 4175-82, 1991.			
			~	*Platenburg, et al., "Expression of Human Lactoferrin Milk of Transgenic Mice", <i>Transgenic Res.</i> 3 : 99-108, 1994.			
			~	*Plaut, et al., "Integration of the lacZ Gene into the Mammary Gland Using an Adenovirus Vector", <i>J. Dairy Sci.</i> , 80 :1, 1997.			
			~	*Recsei, et al., "Cloning, Sequence, and Expression of the Lysostaphin Gene From <i>Staphylococcus Simulans</i> ", <i>Proc. Natl. Acad. Sci., USA</i> , 84 : 1127-31, 1987.			
			~	*Reiter, B., "Review of the Progress of Dairy Science: Antimicrobial Systems in Milk", <i>J. Dairy Res.</i> 45 : 131-47, 1978.			
			~	*Schindler, et al., "Lysostaphin: A New Bateriaolytic Agent For the <i>Staphylococcus</i> . <i>Proc. Natl. Acad. Sci. U.S.A.</i> 51 : 414-421, 1964.			
			~	*Schnieke, et al., "Human Factor IX Transgenic Sheep Produced by Transfer of Nuclei From Transfected Fetal Fibroblasts", <i>Science</i> , 278 : 2130-33, 1997.			
			~	*Shockman, et al., "Stucture, Function, and Assembly of Cell Walls of Gram-Positive Bacteria", <i>Annu. Rev. Microbiol.</i> 37 : 501-27, 1983.			
			~	*Sutra, et al., "Virulence Factors Involved in the Pathogenesis of Bovine Intramammary Infections Due to <i>Staphylococcus Aureaus</i> ", <i>J. Med. Microbiol.</i> 40 : 79-89, 1994.			
			~	*Takahashi, et al., "Nonspecific Antibacterial Factors in Milk from Cows Immunized with Human Oral Bacterial Pathogens", <i>J. Dairy Sci.</i> 75 : 1810-20, 1992.			
			~	*Thumm, et al., "Studies on Polysostaphin Processing and Characterization of the Lysostaphin Immunity Factor (Lif) of <i>Staphylococcus Simulans</i> Biovar <i>Staphylolyticus</i> " <i>Molecular Microbiology</i> , 23 (6), 1251-65, 1997.			
			~	*Verdi, et al., "Variability in True Protein, Casein, Nonprotein Nitrogen, and Proteolysis in High and Low Somatic Cell Milks", <i>J. Dairy Sci.</i> 70 : 230-42, 1987.			
			~	*Wall, et al., "High-Level Synthesis of a Heterologous Milk Protein in the Mammary			

MARK

NAVARO

3 of 4

2/6/03



Form PTO-1449 (REV. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket: 2001796-0006	In re Application No.09/698,579
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicants: Bramley, et al.	
				Filing Date: October 27, 2000	Group: 1632
CONT	Glands of Transgenic Swine", <i>Proc. Natl. Acad Sci USA</i> , 88 : 1696-1700, 1991.				
~	*Watson, et al., "Field Trial of Staphylococcal Mastitis vaccine in Dairy Herds: Clinical Subclinical, and Microbiological Assessments" <i>Australian Veterinary Journal</i> , Dec;74(6):447-450, 1996.				
~	*Williamson, et al., "Expression of Lysostaphin in the Milk of Transgenic Animals to Combat Staphylococcal Mastitis", <i>J. Appl Bacterial</i> . 67 :6, xxi, 1986.				
~	*Williamson, et al., "Expression of the Lysostaphin Gene of Staphylococcus Simulans in a Eukaryotic System", <i>Applied and Environment Microbiology</i> , 60 :3, 771-76, March, 1994.				
~	*Wilson, et al., "Bovine Mastitis Pathogens in New York an Pennsylvania: Prevalence and Effects on Somatic Cell Count and Milk Production", <i>J. Dairy Sci</i> . 80 : 2592-98, 1997.				
~	*Wright, et al., "High Level Expression of Active Human Alpha-1-Antitrypsin in the Milk of Transgenic Sheep", <i>Bio/Technology</i> , 9 :830-34, 1991.				
~	*Yamada, et al., "An Autolysin Ring Associated with Cell Separation of Staphylococcus Aureus", <i>J. Bacterial</i> . 178 : 1565-71, 1996.				
~	*Yancey, et al., "Activity of Antibiotics Against Staphylococcus Aureus Within Polymorphonuclear Neutrophils", <i>Eur. J. Clin. Microbiol. Infect. Dis</i> . 10 :107-113, 1991.				
~	*Yarus, et al., "Production of Active Bovine Trachael Antimicrobial Peptide in Milk of Transgenic Mice", <i>Proc. Natl. Acad. Sci. USA</i> , 93 , 14118-21, November, 1996.				
~	*Zavizion, et al., "Effects of Staphylococcus Aureus Toxins on the Growth of Bovine Mammary Epithelial Cells (MAC-T) in Culture", <i>J. Dairy Sci.</i> , 78 , 277-84, 1995.				
EXAMINER MARK NAVARRO				DATE CONSIDERED 2/6/03	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

RECEIVED

NOV 22 2002

TECH CENTER 1600/2900